

## Slim Ouertani

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ouertani.github.io  
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Architect / InfoQ Fr Editor / SOA Trainer  
Togaf, PMP, SOA, Spring, Java, Cmmi, ITIL, Mongo, Scala

### EXPERIENCE

**Solution Architect**, Al-Elm Information Security, Riyadh 06-2014

- Architecting and Designing enterprise solutions using diverse technology stack
- Work with peers to conduct Solution Architecture Reviews for a broad set of projects
- Review and provide input into functional & non-functional requirements
- Provide consulting and conduct reviews through the development lifecycle
- Defining the Architecture and guiding the use of various tools, technologies and techniques in the realization of that Architecture
- Create and maintain a set of standard practices, patterns and anti-patterns and ensure the appropriate usage of that.

**Software Architect, International Agile Coach**, Sofrecom, Orange FT Group, Tunisia 03-2013

- Manage and direct virtual distributed teams
- Make or Buy Analysis
- Establish regular meetings to review technical designs and provide mentoring and guidance
- Mentor development teams on different architecture and design paradigms or practices
- Maintain a knowledge base of emerging technologies and products
  - Scrum Master, Enterprise Architect, Apache Camel, Spring
  - CXF, Spring Batch, Atomikos, ActiveMq, Jonas, hibernate

**JEE Architect**, Zenika, Paris 12-2012

- Client : Bouygues Telecom
- Project : Home Automation (2 months)
- BBox embedded automation solution communicating with centralized system
  - Embedded: OSGI, REST server/client, Raspberry pi
  - Server : Fuse ESB, CXF, Camel, Spring, Jax-Rs, Osgi, Maven
- Client : SwissPost
- Project : Image Plus (2 months)
- Online outsourcing solution for picture processing.
  - Scrum, Kanban, Jenkins, Git, Cloudbees, Maven
  - MVP, Spring 3.1, GWT 2.5, JPA 2

**IS Head of Development and Tools Service**, Orange, Tunisia 01-2010

- JEE 6, MDB, JPA, Scala, Wicket, Play, J2ME, Spring ROO, WS, Glassfish, Talend, Birt
- Development and implementation of a web service platform :
  - JEE 6, SCALA, EJB 3.1, JAX-WS, Oracle, JPA
  - IN/AIR, BSCS/CMS / Data Charging/ CRM / IVR / USSD

- Development of the after sales service solution
  - Play 1.2.x, groovy, jquery
- Launch of BI project
  - Talend, Birt, Oracle
- Bulk SMS
  - Wicket, JEE 6, JPA, Postgres
- Unbarring SMS
  - J2ME, JAX-WS, MDB, JPA
- Intranet tool
  - Joomla 1.5
- Different applications
  - inter systems and synchronization platforms, web application...

**Solution Architect**, Sagem Software & Technologies, Tunisia 06-2009

- Architecture design and integration of a communication server and administration of remote gateways.
  - JEE, JMS, Spring, GWT, AndroMda, Hibernate, SMS
  - Jboss, ActiveMq, MDA

**Solution Architect**, Sagem Software & Technologies, Tunisia 03-2008

- Modular OSGi Server architecture under Linux platform responsible for controlling and interacting with electricity counters in order to retrieve statistics and have data storing/manipulation via different technologies and frameworks
  - OSGI, SCA, Spring DM, JAX-WS, JPA, GPRS, GSM/DATA, SMS, SNMP4j, Hessian, Ftp, Equinox, JETTY, POSTGRESQL
  - DISTRIBUTED COMPUTING, Cryptography

**Solution Architect & Team Leader**, Sagem Software & Technologies, Tunisia 12-2007

- Designing an SOA architecture and implementation of an Intranet service for human resources using liferay portal.
  - JEE5, EJB3, JAX-WS, JSF, PORTLET, JPA, SOA
  - GLASSFISH V2, TOMCAT6, LIFERAY 4.4, POSTGRESQL

**Coordinator**, STMicroelectronics, Tunisia 02-2006

- Implementing Intranet tools used for monitoring the evolution of validation campaigns.
  - J2EE, JSF, Hibernate/JPA, JAXB/JAXP, Design Pattern
  - TOMCAT 5.5, POSTGRESQL

**Developer**, STMicroelectronics, Tunisia 12-2005

- Validating processors and compilers under different platforms.
  - Linux, Solaris, Cygwin, Mingwin, Perl ,Shell

**Developer and designer**, GL TRADE, Tunisia 08-2005

- GL TACTICS: A trader module enhancing the efficiency of the negotiating teams giving them the possibility to customize the implementation strategies and accelerate the decision process.

– C++, Design Pattern

## CERTIFICATE

<i>Togaf Certified, Open Group</i>	Score 90%, 06-2015
<i>ITIL Foundation, Exin</i>	Score 95%, 06-2015
<i>Togaf Foundation, Open Group</i>	Score 95%, 04-2015
<i>Project Management Professional, PMI</i>	03-2015
<i>SOA Trainer, Arcitura</i>	01-2015
<i>SOA Architect, Arcitura</i>	With Honors, 12-2014
<i>SOA Professional, Arcitura</i>	With Honors, 11-2014
<i>Introduction to Cmmi for development, Cmmi Institute</i>	09-2014
<i>Entrepreneurship for all, EFFECTUATION, EMLYON</i>	Score 75,8%, 01-2014
<i>Principles of Reactive Programming, Coursera</i>	Score 97.5%, 01-2014
<i>MongoDB for DBAs, MongoDB</i>	Score 94%, 11-2013
<i>Functional Programming Principles in Scala, Coursera</i>	Score 97.9%, 11-2013
<i>MongoDb for java, MongoDb</i>	Score 95%, 10-2013
<i>Spring Framework 3, Pivotal</i>	Score 94%, 02-2013
<i>Java 6 Programmer Certified Professional, Oracle</i>	Score 100%, 08-2012
<i>Team Performance, STMicroelectronics</i>	04-2007
<i>English, British Council</i>	4B, 02-2007
<i>GL Certified Professional, GL TRADE</i>	09-2005

## EDUCATION

<i>Graduation Project in computer engineering from the National School of Computer Science in Tunisia (ENSI).</i>	2005
<i>National School of Computer Science in Tunisia (ENSI).</i>	2005 2002
<i>Tunis Preparatory Institute for Engineering Studies (IPEIT)</i>	
<i>Preparatory Courses (Math Sup, Math Spe)</i>	2002 2000
<i>Bachelor. Mathematics (with honors)</i>	2000

## TRAINING

<i>PMP, <a href="http://www.pmi.org/">http://www.pmi.org/</a></i>	11.2014
<i>Project Management Professional</i>	
<i>Advanced OSGi, <a href="http://www.sagem.com">www.sagem.com</a></i>	08.2009
<i>By: Slim Ouertani</i>	
<i>Problematic &amp; OSGi design pattern : White board &amp; Extender</i>	
<i>Problematic &amp; OSGi design pattern , <a href="http://www.paremus.com/">http://www.paremus.com/</a></i>	01.2009
<i>By: David Savage &amp; Mike Francis</i>	
<i>SCA architecture with Newton, <a href="http://newton.codecauldron.org">http://newton.codecauldron.org</a></i>	
<i>OSGi, <a href="http://www.prosyst.com/">http://www.prosyst.com/</a></i>	05.2008
<i>By : Roman Roelofsen</i>	
<i>OSGi architecture and environment</i>	

## INTERVIEW

Paremus, SCA with OSGI, David Savage , <http://www.prosyst.com/>  
[http://www.jroller.com/ouertani/entry/interview\\_paremus\\_sca\\_with\\_osgi](http://www.jroller.com/ouertani/entry/interview_paremus_sca_with_osgi)

02.2009

## LANGUAGES

Arabic, French English

Written & Spoken

## OTHER ACTIVITIES

### InfoQ Fr Editor

<http://www.infoq.com/fr/author/Slim-Ouertani>

### Open source

<https://github.com/ouertani>

<http://www.reactive-streams.org>

### Blogging

<http://java.dzone.com/users/slim.ouertani>

<http://ouertani.github.io>

<http://www.jroller.com/ouertani>

<http://twitter.com/ouertani>

### Stample

<https://stample.co>

Scala, Akka, Play

ElasticSearch, MongoDB, Amazon S3, GreenCloud

## COMPUTER SKILLS

### Design

Functional programming, EA, UML, Design Pattern, MVC, MDA, OO, MVP

### Architecture

Microservices, Reactive, N-tiers, SOA, SCA, Actor

### Cloud

CloudBees, Heroku, App Engine, Amazon S3, GreenCloud

### Agile

Scrum, Kanban

### Web Service

Metro, JAX-WS, CXF, JAX-RS, Hessian, Rest, Axis

### Languages

SCALA, Java/JEE/OSGI, C/C++/C#, ADA, COBOL,...

### Web

PLAY, GWT, Vert.x, WICKET, JSF, PORTLET, JSP, SERVLET, APPLET, HTML

### XML

XML, XSL, XSD, JAXP, JAXB, Stax, SAX, DOM, SCALA XML

### Database

PostgreSQL, MySQL, Oracle, MongoDB

### Persistence

JPA, Hibernate, Toplink, EclipseLink, Slick

### Containers

Glassfish V3, Tomcat 5/6/7, Equinox, JBOSS AS, Jonas 4, OC4J

### Framework

Spring, Spring DM, Liferay 4.4, Fuse ESB, Camel, Spring Batch, ElasticSearch

### OS

UNIX/LINUX, Mac OS, Windows XP, Windows NT, SOLARIS

### IDE

Netbeans, Eclipse, Idea, JDeveloper 10g

### Management

IceScrum, Bugzilla, Trello

### Build tools

Gradle, Maven, Sbt, Javac, Scalac, Ant

### Version control

Git, Subversion, Perforce, CVS, Jazz

### Collaboration

Trello, Slack, Github, Codex, Wiki, Sharepoint

## PUBLICATIONS

Vrais ou Faux Jumeaux ?

<http://www.infoq.com/fr/articles/vrais-faux-jumeaux>

25.11.2014

Curryfication Java : methods & fonctions

29.07.2014

<a href="http://www.infoq.com/fr/articles/curryfication-java">http://www.infoq.com/fr/articles/curryfication-java</a>	
Des Lenses en Java ? <a href="http://www.infoq.com/fr/articles/lenses-en-java">http://www.infoq.com/fr/articles/lenses-en-java</a>	30.06.2014
Barboter dans le compilateur Java <a href="http://www.infoq.com/fr/articles/compilateur-java">http://www.infoq.com/fr/articles/compilateur-java</a>	02.06.2014
Mon Trampoline avec Java 8 <a href="http://www.infoq.com/fr/articles/trampoline-java8">http://www.infoq.com/fr/articles/trampoline-java8</a>	18.04.2014
Dmystifier les iteratees avec Java <a href="http://www.infoq.com/fr/articles/demystifier-iteratees-java">http://www.infoq.com/fr/articles/demystifier-iteratees-java</a>	01.11.2013
Le Trio : Akka, Spring et Scala <a href="http://www.infoq.com/fr/articles/trio-akka-spring-scala">http://www.infoq.com/fr/articles/trio-akka-spring-scala</a>	16.10.2013
Rest with Scala and Vert.x <a href="http://blog.zenika.com/index.php?post/2013/02/12/Rest-with-Scala-and-Vert.x">http://blog.zenika.com/index.php?post/2013/02/12/Rest-with-Scala-and-Vert.x</a> <a href="http://java.dzone.com/articles/rest-scala-and-vertx">http://java.dzone.com/articles/rest-scala-and-vertx</a>	18.02.2013
Fun with Scala and Vert.x <a href="http://blog.zenika.com/index.php?post/2013/02/11/fun-with-scala-and-vert-x">http://blog.zenika.com/index.php?post/2013/02/11/fun-with-scala-and-vert-x</a> <a href="http://java.dzone.com/articles/fun-scala-and-vertx">http://java.dzone.com/articles/fun-scala-and-vertx</a>	11.02.2013
Getting Started with Play 2.1 , Scala 2.10 and Slick 0.11.1 <a href="http://java.dzone.com/articles/getting-started-play-21-scala">http://java.dzone.com/articles/getting-started-play-21-scala</a>	01.11.2012
XML/RPC driver as JCA Scala connector <a href="http://java.dzone.com/articles/xmlrpc-driver-jca-scala">http://java.dzone.com/articles/xmlrpc-driver-jca-scala</a>	28.09.2012
JAX-WS Header : Part 1 the Client Side <a href="http://java.dzone.com/articles/jax-ws-header-part-1-client">http://java.dzone.com/articles/jax-ws-header-part-1-client</a>	26.06.2012
Jaxws Header : Part 2 : Server Side <a href="http://java.dzone.com/articles/jaxws-header-part-2-server">http://java.dzone.com/articles/jaxws-header-part-2-server</a>	25.06.2012
XML-RPC using scala <a href="http://java.dzone.com/articles/xml-rpc-using-scala">http://java.dzone.com/articles/xml-rpc-using-scala</a>	26.06.2012
Sending an Email using the JavaMail Session and Glassfish <a href="http://java.dzone.com/articles/sending-email-using-javamail">http://java.dzone.com/articles/sending-email-using-javamail</a>	26.06.2012
JEE 6 Environmental Enterprise Entries and Glassfish <a href="http://java.dzone.com/articles/jee-6-environmental-enterprise">http://java.dzone.com/articles/jee-6-environmental-enterprise</a>	20.06.2012
Basic MDB with Scala, Sbt and JEE 6 <a href="http://java.dzone.com/articles/basic-mdb-scala-sbt-and-jee-6">http://java.dzone.com/articles/basic-mdb-scala-sbt-and-jee-6</a>	11.09.2011
Basic WS with Scala, Sbt and JEE 6 <a href="http://java.dzone.com/articles/basic-ws-scala-sbt-and-jee-6">http://java.dzone.com/articles/basic-ws-scala-sbt-and-jee-6</a>	10.09.2011
Scala and Quartz DSL <a href="http://java.dzone.com/tips/scala-and-quartz-dsl">http://java.dzone.com/tips/scala-and-quartz-dsl</a>	19.05.2011
Osgi, security on the fly <a href="http://java.dzone.com/articles/osgi-security-fly">http://java.dzone.com/articles/osgi-security-fly</a>	08.04.2011
Specification Pattern by Scala <a href="http://java.dzone.com/tips/specification-pattern-scala">http://java.dzone.com/tips/specification-pattern-scala</a>	03.11.2010
Tips : Wicket and JEE 6 With Servlet 3.0 Annotations <a href="http://java.dzone.com/tips/tips-wicket-and-jee-6">http://java.dzone.com/tips/tips-wicket-and-jee-6</a>	10.07.2010
Create Heartbeat Charts with Ext JS, NetBeans IDE 6.9, and REST <a href="http://netbeans.dzone.com/extjs-rest-netbeans">http://netbeans.dzone.com/extjs-rest-netbeans</a>	03.07.2010
OSGi Service Hook to Log All Service Invocations Using Dynamic Proxy <a href="http://java.dzone.com/articles/osgi-service-hook-log-all">http://java.dzone.com/articles/osgi-service-hook-log-all</a>	12.12.2009
JBoss MQ and Hibernate Lazy Loading <a href="http://java.dzone.com/news/jboss-mq-amp-hibernate-lazy">http://java.dzone.com/news/jboss-mq-amp-hibernate-lazy</a>	27.11.2009
OSGi : Junit Test Extender Using Fragment and BundleTracker <a href="http://java.dzone.com/articles/osgi-junit-test-extender-using">http://java.dzone.com/articles/osgi-junit-test-extender-using</a>	10.02.2009
OSGi : PostEvent vs SendEvent in New Thread <a href="http://java.dzone.com/articles/osgi-postevent-vs-sendevent">http://java.dzone.com/articles/osgi-postevent-vs-sendevent</a>	27.09.2009
OSGi Annotation Extender	09.09.2009

<a href="http://java.dzone.com/articles/osgi-annotation-extender">http://java.dzone.com/articles/osgi-annotation-extender</a>	
<i>Hessian Declarative Extender in SCA</i> <a href="http://java.dzone.com/articles/hessian-declarative-extender">http://java.dzone.com/articles/hessian-declarative-extender</a>	16.02.2009
<i>Hessian Service and Client on an OSGi Container : Part 2</i> <a href="http://java.dzone.com/articles/hessian-service-and-client-osgi">http://java.dzone.com/articles/hessian-service-and-client-osgi</a>	29.06.2009
<i>Hessian Client Extender With Dynamic Proxy Inside OSGi</i> <a href="http://java.dzone.com/tips/hessian-client-extender">http://java.dzone.com/tips/hessian-client-extender</a>	14.04.2009
<i>SCA, Newton and Spring DM</i> <a href="http://java.dzone.com/articles/hello-sca-newton-and-spring-dm">http://java.dzone.com/articles/hello-sca-newton-and-spring-dm</a>	04.02.2009
<i>OSGi Event Admin with Spring DM</i> <a href="http://java.dzone.com/articles/osgi-event-admin-with-spring-d">http://java.dzone.com/articles/osgi-event-admin-with-spring-d</a>	12.11.2008
<i>Service Factory and OSGi Logging Proposal</i> <a href="http://java.dzone.com/articles/service-factory-and-osgi-logging">http://java.dzone.com/articles/service-factory-and-osgi-logging</a>	08.10.2008
<i>Debugging Spring OSGi with NetBeans IDE</i> <a href="http://wiki.netbeans.org/DebuggingSpringOSGi">http://wiki.netbeans.org/DebuggingSpringOSGi</a> <a href="http://java.dzone.com/tips/debugging-spring-osgi-bundle-n">http://java.dzone.com/tips/debugging-spring-osgi-bundle-n</a>	05.06.2008
<i>Enterprise Libraries and OSGi</i> <a href="http://java.dzone.com/articles/enterprise-lib-and-osgi">http://java.dzone.com/articles/enterprise-lib-and-osgi</a>	26.08.2008
<i>Scala OSGi Bundle With Spring DM</i> <a href="http://java.dzone.com/articles/scala-osgi-bundle-with-spring">http://java.dzone.com/articles/scala-osgi-bundle-with-spring</a>	05.08.2008
<i>Hessian Extender on OSGi Container</i> <a href="http://java.dzone.com/articles/hessian-extender-osgi-container">http://java.dzone.com/articles/hessian-extender-osgi-container</a>	25.06.2008
<i>LifeRay &amp; JSF : How to get current logged User ?</i> <a href="http://java.dzone.com/tips/liferay-jsf-how-get-current-logged-user">http://java.dzone.com/tips/liferay-jsf-how-get-current-logged-user</a>	16.03.2008

## NEWS

<i>MongoDB : la magie des Reactive-Streams avec les Capped Collections</i> <a href="http://www.infoq.com/fr/news/2015/05/reactive-streams-capped-collections">http://www.infoq.com/fr/news/2015/05/reactive-streams-capped-collections</a>	21.05.2015
<i>Publication de l'API Reactive Streams 1.0</i> <a href="http://www.infoq.com/fr/news/2015/05/api-reactive-streams-1-0">http://www.infoq.com/fr/news/2015/05/api-reactive-streams-1-0</a>	07.05.2015
<i>Docker, le dernier clou dans le cercueil des serveurs d'applications Java ?</i> <a href="http://www.infoq.com/fr/news/2015/03/docker-vs-serveurs-app-java">http://www.infoq.com/fr/news/2015/03/docker-vs-serveurs-app-java</a>	19.03.2015